Title (en)

Sensor module

Title (de)

Sensormodul

Title (fr)

Module de capteur

Publication

EP 2653975 B1 20151216 (DE)

Application

EP 13001431 A 20130320

Priority

DE 102012007417 A 20120416

Abstract (en)

[origin: EP2653975A2] The module (1) has a signal processing device (3) e.g. microcontroller (8), attached to an electrical interface (4). The signal processing device reversibly provides a sensor signal selectively as a positive binary voltage signal or a negative binary voltage signal to interface contacts (18, 19) of the interface and/or reversibly provides the sensor signal as an analog voltage signal or analog current signal to the interface contacts. The signal processing device is formed for supplementary provision of the sensor signal in form of a digital voltage signal to the interface contacts.

IPC 8 full level

G06F 13/40 (2006.01); **G01D 21/00** (2006.01)

CPC (source: EP)

G01D 21/00 (2013.01); **G06F 13/4068** (2013.01)

Citation (opposition)

Opponent : Bürkert Werke GmbH

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Opponent : SICK AG.

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- DE 10350331 A1 20050609 - KNORR BREMSE SYSTEME [DE]
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- DE 4434180 A1 19960328 - TEVES GMBH ALFRED [DE]
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- DE 10231950 A1 20030213 - GE FANUC AUTOMATION INC [US]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2653975 A2 20131023; **EP 2653975 A3 20140611**; **EP 2653975 B1 20151216**; **EP 2653975 B2 20190522**; DE 102012007417 A1 20131017; ES 2561413 T3 20160226

DOCDB simple family (application)

EP 13001431 A 20130320; DE 102012007417 A 20120416; ES 13001431 T 20130320